

# Converting Colors

Hex(90DDC3)

Have a look what the booklet for  
Hex(90DDC3) contains.

<b>Hex(90DDC3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(90DDC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90DDC3
RGB	144, 221, 195
RGB Percent	56%, 87%, 76%
CMY	0.4353, 0.1333, 0.2353
CMYK	0.35, 0.00, 0.12, 0.13
HSL	160°, 53%, 72%
HSV	160°, 35%, 87%
XYZ	47.2084, 61.5823, 61.0282
YIQ	195.0130, -37.5460, -24.4100

# Conversions

## Conversions Part 2

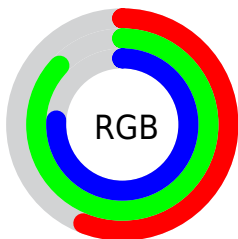
Format	Color
<b>RYB</b>	144, 190, 221
Decimal	9493955
CIELab	82.69, -29.42, 5.26
CIELCh	83, 29.886, 169.869
Yxy	61.5823, 0.2780, 0.3626
Android (android.graphics.Color)	4287684035 (0xFF90DDC3)
YUV	195.0130, -0.0064, -44.7384
Hunter-Lab	78.4744, -29.9488, 8.8233

# Details

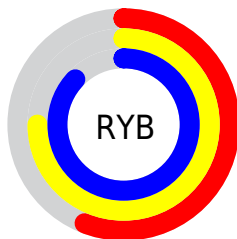
The Hex color **90DDC3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD90AA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C8FFFC**, and **5AA68D** is the 20% darker color. If you saturate the color by 10%, you get **7ADDBC**, and if you desaturate by 10%, it is **A6DDCA**.

# Distribution



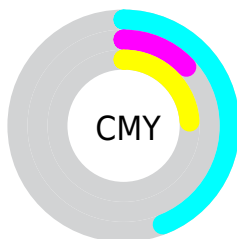
- Red (56%)
- Green (87%)
- Blue (76%)



- Red (56%)
- Yellow (75%)
- Blue (87%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90DDC3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 90DDC3 by changing the saturation by 10% instead.



 90DDC3

 90DDC3

FFFFFF

 75C1A8

 C8FFFC

 5AA68D

 E5FFFF

 3F8B74

 22715B

 005844

 00402E

 002A19

 001100

 000000

 90DDC3

 90DDC3

 7ADDBC

 A6DDCA

 64DDB4

 BCDDD2

 4EDDAD

 D2DDD9

 38DDA5

 E8DDE1

 21DD9E

 FFDDE8

 0BDD96

 FFDDF0

 00DD92

 FFDDF7

 FFDDFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFD9A9



90DDC3



7CDDE0

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90DDC3



C5CAFF



FFC0A4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90DDC3



DD90AA

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBABC



90DDC3



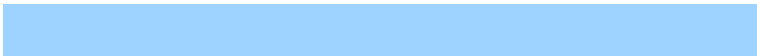
E9C0F2

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90DDC3



9ED3FF



FFBAD9



EBC997

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90DDC3



7BDCF1



FFBAD9



FFBDAB

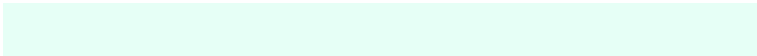


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90DDC3



E6FFF6



ABDD90



70807A



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90DDC3



94FFDB



90D1DD



636E6A



00AD73



002E1E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DD90AA



FF94B8



DD9C90



6E6366



AD003B

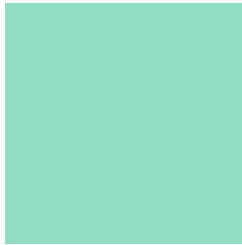


2E000F



# Previews

## White Background



This preview shows how the Hex color 90DDC3 looks on a white background.

## Color Contrast Check

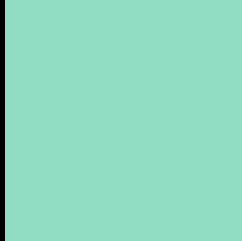
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 90DDC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

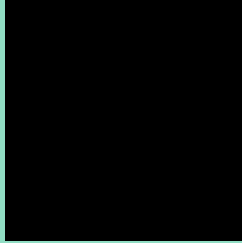
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

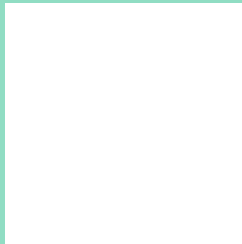
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90DDC3 Background



This preview shows how black text looks on a background with the Hex color 90DDC3.

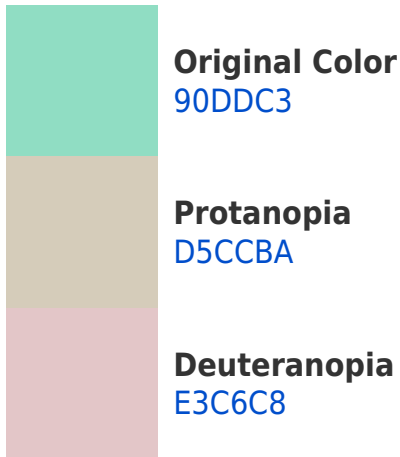


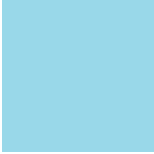
This preview shows how white text looks on a background with the Hex color 90DDC3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



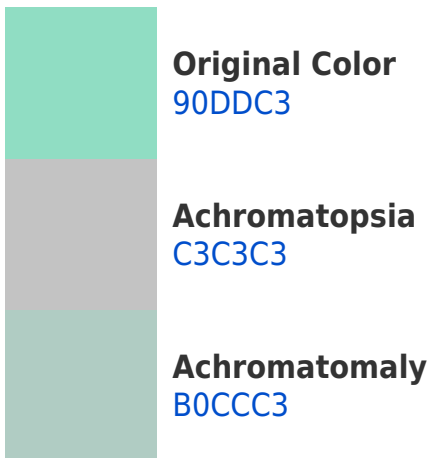


**Tritanopia**  
99D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90DDC3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #90DDC3 looks like.

```
.text, #text, p{  
    color:#90DDC3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #90DDC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DDC3  
}
```

## Border

The CSS property to change the border of an element to Hex 90DDC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#90DDC3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#90DDC3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #90DDC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DDC3; -webkit-box-shadow:4px 4px  
4px 4px #90DDC3; box-shadow:4px 4px 4px  
4px #90DDC3 }
```

# Background

The CSS property to change the background color of an element to Hex 90DDC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DDC3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#90DDC3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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